

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS

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Hembrou	gh et al.) Group Art Unit: Unassigned
Serial No:	10/086,176	RECEIVED Plunkethsep 0 4 2002
Filed:	February 28, 2002	PlunkettSEP 0 4 2002
For:	Compositions and Methods for Inhibiting Cellular Proliferation Comprising TFPI Fragments	9 6 6 2 TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, DC 20231

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The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

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Attorney Docket No. 05213-0926 (43170-266780)

Sharonda R. Williams Reg. No. 52,365

CERTIFICATE OF MAILING

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05213-0296 (43170-266780)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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Complete if Known

Application No. 10/086,176

Filing Date 02/28/2002

First Named Inventor Hembrough et al.

Group Art Unit 1631

Examiner Name Unassigned

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Application No. 10/086,176

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Group Art Unit 1631

Examiner Name Unassigned

Attorney Docket Number

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required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of Complete if Known SEP 0 3 2002 10/086,176 Application No. Substitute for Form 1449/A/PTO 02/28/2002 SEP 0 # 2002 Filing Date INFORMATIONALS Hembrough et al. First Named Inventor STATEMENT BY APPLICANT TECH CENTER 1600/2900 1631 Group Art Unit (use as many sheets as necessary) Unassigned **Examiner Name** 05213-0296 (43170-266780) Attorney Docket Number Sheet 2 of 15 **FOREIGN PATENT DOCUMENTS** Date of Publication Pages, Columns, Lines, Where Foreign Patent Document Examiner Cite of Cited Document Relevant Passages or Kind Code³ Name of Patentee or Initials Relevant Figures Appear MM-DD-YYYY Applicant of Cited Document (if known) Office³ Number* 03/13/1997 Chiron Corp. 97/09063 WO 14 No 02/10/1997 97/35609 Juridical Foundation the WO 15 Chemo-Sero-Therapeutic Research

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^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached.

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^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached.

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Under the Paperwork Reduction Act of equired to respond to a collection of information unless it contains a valid OMB control number Complete if Known Substitute for Form 1449/A/PTO Application No. 10/086,176 Filing Date 02/28/2002 INFORMATION First Named Inventor Hembrough et al. STATEMENT BY APPLICANT Group Art Unit 1631 (use as many sheets as necessary) **Examiner Name** Unassigned Sheet of 5 15 Attorney Docket Number 05213-0296 (43170-266780) OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published 30 Author: DINBERGS et al. Title: Cellular Response to Transforming Growth Factor-β1 and Basic Fibroblast Growth Factor Depends on Release Kinetics and Extracellular Matrix Publ: Interactions The Journal of Biological Chemistry Vol/lss: 271 (47) Pages: 29822-29829 Date: 11/22/96 Author: ENJYOJI, K. et al. Title: Effect of Heparin on the Inhibition of Factor Xa by Tissue Factor Pathway Inhibitor: A Segment, Gly 212 - Phe 243, of the third Kunitz Domain is a Heparin-Binding Site Publ: Biochemistry Vol/lss: 34 (17) Pages: 5725-5735 1995 Author: FERENCZY, A. et al. Title: The cytodynamics of endometrial hyperplasia and carcinoma Publ: Annales de Pathologie Vol/lss: 3 (3) Pages: 189-201 Date: 09/1983 Author: FOLKMAN, J. 33 Title: Tumor angiogenesis and tissue factor Publ: Nature Medicine Vol/Iss: 2 Pages: 167-168 Date: 02/01/96 Author: FOLKMAN, J. Title: What is the Evidence that Tumors are Angiogenesis Dependent? Publ: Journal of the National Cancer Institute Vol/Iss: 82 Pages: 4-6 Date: 01/03/90 35 Author: FOLKMAN, J. Title: Angiogenesis in cancer, vascular, rheumatoid and other disease Publ: Nature Medicine Vol/lss: 1(1) Pages: 27-31 Date: 11/01/95 36 Author: FOLKMAN, J. Title: Angiogenesis and Its Inhibitors Important Advances in Oncology Vol/Iss: Pages: 42-62 Date: 1985

Signature	Date Considered	
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^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached.

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			First Named Inventor	Hembrough et al.	
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Signature	Date	
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Induces Differentiation

tumor growth in Vivo

Title: Inhibition of vascular endothelial growth factor-induced angiogenesis suppresses

Title: Integration of Endothelial Cells in Multicellular Spheroids Prevents Apoptosis and

Pages: 841-844

Pages: 347-356

Pages: 1341-1352

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Author: KIM, K.J. et al.

Author: KNIGHTON, D. et al.

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Author: KORFF et al.

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		The FASEB Journal		Vol/Iss: 15	Pages: 447-457	Date: 02/2001	
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Complete if Known Substitute for Form 1449/A/PTO Application No. 10/086,176 Filing Date 02/28/2002 INFORMATION DISCLOS First Named Inventor Hembrough et al. STATEMENT BY APPLICANT Group Art Unit 1631 (use as many sheets as necessary) TECH CENTER 1600/29 **Examiner Name** Unassigned Sheet 12 of 15 Attorney Docket Number 05213-0296 (43170-266780) OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials publisher, city and/or country where published Author: OBESO, J. et al. Title: Methods in Laboratory Investigation/A Hemangioendothelioma-Derived Cell Line: 79 Its Use as a Model for the Study of Endothelial Cell Biology Publ: _aboratory: Investigation Vol/Iss: 63 (2) Pages: 259-269 Date: 1990 Author: OSTERUD, B. et al. Title: Sites of Tissue Factor Pathway Inhibitor (TFPI) and Tissue Factor Expression under Physiologic and Pathologic Conditions Publ: Thrombosis and Haemostasis Vol/Iss: 73 Pages: 873-875 Date: 1995 81 Author: PARANGI, S. et al. Title: Antiangiogenic therapy of transgenic mice impairs de novo tumor growth Publ: Proceedings of the National Academy of Science USA Vol/Iss: 93 Pages: 2002-2007 Date: 03/1996 Author: PASSANITI, A. et al. Title: Methods in Laboratory Investigation/A Simple, Quantitative Method for Assessing Angiogenesis and Antiangiogenic Agents Using Reconstituted Basement Membrane, Publ: Heparin, and Fibroblast Growth Factor _aboratory: Investigation Vol/Iss: 67(4) Pages: 519-528 Date: 1992 Author: PETERSON, L.C. et al. Title: Inhibitory Properties of a Novel Human Kunitz-Type Protease Inhibitor Homologous to Tissue Factor Pathway Inhibitor Publ: Biochemistry Vol/Iss: 35 Pages: 266-272 Date: 01/01/96 Author: PILGRIM et al. Title: Proliferation kultivierter Endothelzellen unter dem Einfluβ von Aprotinin und 4-Aminomethylbezoesaure (no translation) Publ: Biomedica Biochimica Acta Vol/Iss: 45 (8) Pages: 1015-1019 Date: 1986 85 Author: RAO et al. Title: Mechanism of Antithrombin III Inhibition of Factor VIIa/Tissue Factor Activity on Cell Surfaces. Comparison With Tissue Factor Pathway Inhibitor/Factor Xa-Publ: Induced Inhibition of Factor VIIa/Tissue Factor Activity Blood Vol/lss: 85 (I) Pages: 121-129 Date: 01/01/95

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SEP 0 3 7002 Complete if Known Substitute for Form 1449/A/PTO Application No. 10/086,176 Filing Date 02/28/2002 INFORMATION DISCLOSURE First Named Inventor Hembrough et al. STATEMENT BY APPLICANT Group Art Unit 1631 (use as many sheets as necessary) **Examiner Name** Unassigned Sheet 15 of 15 Attorney Docket Number 05213-0296 (43170-266780) OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No.1 publisher, city and/or country where published Author: WEIDNER, N. et al. 100 Title: Tumor Angiogenesis Correlates with Metastasis in Invasive Prostate Carcinoma American Journal of Pathology Vol/Iss: 143 (2) Pages: 401-409 Date: 08/1993 Author: WEIDNER, N. et al. Title: Tumor Angiogenesis and Metastasis-Correlation in Invasive Breast Carcinoma Publ: New England Journal of Medicine Vol/lss: 324 (1) Pages: 1-8 Date: 01/03/91

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